

## Patent Abstract of Japan

(11)Publication number :51-41686

(43)Date of publication of application : 08.04.1976  
(21)Application number : 49-115952  
(22)Date of filing : 07.10.1974  
(51)Int.CI. : C09K 11/26

Title of the Invention : MANUFACTURING METHOD OF PHOSPHOR  
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### Abstract

This invention relates to a manufacturing method of phosphor based on gallium-nitride activated by Zn or Cd.

The manufacturing method of phosphor is characterized that in the circumstance of coexistence of zinc compound or cadmium compound with gallium oxide in the ammonia atmosphere gallium oxide is converted to gallium nitride, and vapor containing Zn or Cd generated by dissolution or dissociation of said compound is used for activating gallium nitride obtained by said conversion.